INDEX TO VOLUME 56

Author Index

A

AARSETH, SVERRE, AND LANGE, HENRIK F. The influence of anticoagulant therapy on the occurrence of cardiac rupture and hemopericardium following heart infarction. I. A study of 89 cases of hemopericardium (81 of them cardiac ruptures), 250

——. (*See* Lange and Aarseth), 257

ANDERSON, ALBERT, AND RUBIN, IRA L. Simultaneous atrial flutter and ventricular tachycardia, 299

ANGELAKOS, E. T., TORRES, J., AND DRISCOLL, R. Ouabain on the hypothermic dog heart, 458

ANGLE, WILLIAM D. Myocardial infarction in the Wolff-Parkinson-White syndrome: a method of vector analysis of ECG changes, 36

ARANDA, S. (*See* Espino-Vela, et al.), 856

ARAVANIS, CHRIST, AVGOUSTAKIS, STAVROS, AND MICHAELIDES, GEORGE. Pulseless disease: report of a case, 126

AVGOUSTAKIS, STAVROS. (*See* Aravanis, et al.), 126

AZAN, LUIS. (*See* Castellanos, et al.), 562

B

BACANER, MARVIN. The occurrence of a rapid ventricular rate during atrial fibrillation as a paradoxical manifestation of digitalis intoxication, 685

BAER, DANIEL M., OSBORN, JOHN J., PERKINS, HERBERT A., MELROSE, DENIS G., NORMAN, ALAN, AND GERBODE, FRANK. Serum electrolyte observations following extracorporeal circulation, 652

BALAGUER-VINTRÓ, I. (*See* Torner-Soler, et al.), 425

BALL, MICHAEL F., AND PIPBERGER, HUBERT V. The normal spatial QRS-T angle of the orthogonal vectorcardiogram, 611

BANNERJI, K. (*See* Sanghvi, et al.), 79

BARBATO, ENNIO, FUJIOKA, TOSHYASU, DEBES, ANTONIO CARLOS, PILEGGI, FULVIO, FILHO, CELESTINO BOURROUL, SILVA, PAULO DE PAULA E, AND DÉCOURT, LUIZ V. Study of the sequence of ventricular activation and the QRS complex of the pathologic human heart, using direct epicardial leads, 340

BARNETT, A. J., AND WAGNER, G. R. Severe orthostatic hypotension: case report and description of response to sympatheticomimetic drugs, 412

BARRERA, FRANK. (*See* Castillo and Barrera), 769

BATSON, HUGH M. (*See* Birchall, et al.), 616

BAUERSFELD, S. RICHARD. (*See* Sherman, et al.), 908

BEARD, HALLARD W., AND THOMPSON, ROBERT G. Aneurysm of the ascending aorta caused by congenital syphilis, 313

BELLET, SAMUEL. Recent advances in the treatment of cardiac arrhythmias, 479

BIRCHALL, ROBERT, BATSON, HUGH, M., AND MOORE, CHARLES B. Hypertension due to unilateral renal arterial obstruction: preliminary observations on the contribution of differential renal clearance studies, 616

BLACKARD, EMBREE. (*See* Hurst and Blackard), 159

BLUMENFELD, SERGE. (*See* Scherf, et al.), 236

BODROGI, GEORGE. Ballistocardiographic findings on the J wave, 95

BOYD, THOMAS. (*See* Carleton and Boyd), 136

BRAUN, K. (*See* Rosenberg, et al.), 486

BRAVEMAN, WARREN S. (*See* Hollister, et al.), 629

BRODY, DANIEL A., AND COPELAND, G. DANIEL. Electrocardiographic cancellation: some observations concerning the "nondipolar" fraction of precordial electrocardiograms, 381

BURCH, GEORGE E. (*See* Hibbs, Burch, and Phillips), 662

BURGER, H. C., AND VAANE, J. P. A criterion characterizing the orientation of a vectorcardiogram in space, 29

C

CALDWELL, M. JUNE, AND PRIEST, EDWARD M. A different concept of prothrombin time control for anticoagulative therapy, 737

CALVIÑO, JOSÉ M. (*See* Castellanos, et. al.), 562

CARLETON, RICHARD A., AND BOYD, THOMAS. Traumatic laceration of the anterior descending coronary artery treated by ligation without myocardial infarction: report of a case with review of the literature, 136

CARRASCO-AZEMAR, J. (*See* Torner-Soler, et al.), 425

CASTELLANOS, AGUSTIN, JR., AZAN, LUIS, AND CALVIÑO, JOSÉ M. Dissociation with interference between pacemakers located within the A-V conducting system, 562

CASTER, W. O., GARAMELLA, J. J., VELOSO, A., AND NAIDU, R. Effect of acute coronary occlusion upon the movement of Evans blue dye into different areas of pig heart muscle, 658

CASTILLO, PEDRO A., AND BARRERA, FRANK. Human hypertension due to thrombotic occlusion of both renal arteries: report of a case "cured" by surgical removal of the thrombus, 769
COHEN, BURTON D. (*See* Hollister, et al.), 629
——. (*See* Spritz, et al.), 715
COMESAÑA, FRANCISCO. (*See* Nava, et al.), 598
COPELAND, G. DANIEL, AND STERN, THOMAS N. Wenckebach periods in pregnancy and puerperium, 291
——. (*See* Brody and Copeland), 381
COSSIO, PEDRO. The treatment of angina pectoris and other muscular pain due to ischemia with iproniazid and isoniazid, 113
CREVASSE, LAMAR, AND LOGUE, R. BRUCE. Valvular pulmonic stenosis: auscultatory and phonocardiographic characteristics, 898
CUPP, C. M., WOOLVIN, S. C., AND INMON, T. W. Chaotic heart due to metastatic synovioma, 695

D

DAMMIN, GUSTAVE J. (*See* Gill, et al.), 878
DASGUPTA, K. (*See* Larks and Dasgupta), 701
DAVIS, EARLE R. (*See* Fisher and Davis), 537, 553
DAVIS, LAWRENCE A. (*See* Leight and Davis), 129
DEBES, ANTONIO CARLOS. (*See* Barbato, et al.), 340
DÉCOURT, LUIZ V. (*See* Barbato, et al.), 340
DICK, H. LENOX H., MCCAWLEY, ELTON L., VOISS, DANIEL V., AND KRUEGER, JAMES D. Electrocardiographic evaluation studies on quinidine-induced changes of myocardial conduction, 396
——. (*See* McCawley, et al.), 405
DICKENS, JANET, AND GOLDBERG, HARRY. Correlation of the precordial and endocardial ventricular electrocardiogram, 8
—— and ——. The endocardial lead in complete right bundle branch block, 372
DIMOND, E. GREY, AND HAYES, WILLIAM L. An electrocardiographic demonstration of atrial dissociation, 929
DOUMA, J. H. (*See* Feer, et al.), 642
DRAKE, E. H. (*See* Kavanagh-Gray and Drake), 143
DRISCOLL, R. (*See* Angelakos, et al.), 458
DUCHOSAL, PIERRE W. Vectorcardiography, 1

E

ECHEVARRÍA, MAX. (*See* Peñaloza, et al.), 493
EDWARDS, JESSE E. (*See* Wakai and Edwards), 779
ENTERLINE, H. T. (*See* Stocker and Enterline), 51
ESCUDERO, JORGE, AND MCDEVITT, ELLEN. The electrocardiogram in scleroderma: analysis of 60 cases and review of the literature, 846
ESPINO-VELA, J., PORTILLO, B., RUBIO, V., AND ARANDA, S. Combined auricular and ventricular septal defects: a
ESPINO-VELA—Cont'd
study of five cases with postmortem confirmation in three, 856
EULER, U. S. VON. Some aspects of the role of noradrenaline and adrenaline in circulation, 469

F

FEER, Y. VAN DER, DOUMA, J. H., AND KLIP, W. Cardiac output measurement by the injection method without arterial sampling, 642
FILHO, CELESTINO BOURROUL. (*See* Barbato, et al.), 340
FISHER, EDWIN R., AND DAVIS, EARLE R. Myocarditis with endocardial elastomyofibrosis (EEMF), 537
——, and ——. Observations concerning the pathogenesis of endocardial thickening in the adult heart, 553
FISHLEDER, BERNARDO L. (*See* Nava, et al.), 598
FORD, RALPH V. (*See* Rochelle and Ford), 463
FRASER, ROBERT S., AND ROSSALL, RICHARD E. Acute myocardial injury during cardiopulmonary bypass, 926
FRIMPTER, GEORGE W. (*See* Spritz, et al.), 715
FUJII, J. (*See* Okinaka, et al.), 319
FUJIOKA, TOSHYASU. (*See* Barbato, et al.), 340

G

GAMBOA, RAÚL. (*See* Peñaloza, et al.), 493
GARAMELLA, J. J. (*See* Caster, et al.), 658
GERBODE, FRANK. (*See* Baer, et al.), 652
GILBERT, LAWRENCE. (*See* Roseff, Levine, and Gilbert), 119
GILL, THOMAS J., III, MCBRIDE, RAYMOND A., AND DAMMIN, GUSTAVE J. Coronary embolism: report of three cases, 878
GOLDBERG, HARRY. (*See* Dickens and Goldberg), 8, 372
——. (*See* Sinha and Goldberg), 890
GROEBEN, J. VON DER. A comprehensive mapping of spatial vectorcardiographic data, 510
GROSSMAN, MILTON. Second degree heart block with Wenckebach phenomenon: its occurrence over a period of several years in a young healthy adult, 607
GUPTA, K. D. (*See* Sanghvi, et al.), 79
GUPTA, S. (*See* Padmavati, et al.), 112

H

HANSON, JOHN S. Complete right bundle branch block following cardiac surgery: report of two cases persisting after pulmonary valvulotomy and infundibulectomy, 275
HASHIBA, K. (*See* Okinaka, et al.), 319
HAUCK, ANNA J., ONGLEY, PATRICK A., AND NADAS, ALEXANDER S. The use of digoxin in infants and children, 443
HAYES, WILLIAM L. (*See* Dimond and Hayes), 929
HEJTMANCIK, MILTON R., HERRMANN, GEORGE R., AND WRIGHT, JAMES C. Paroxysmal supraventricular tachycardias complicating organic heart disease, 671

——. (*See* Zao, et al.), 65, 195, 920
HERRMANN, GEORGE R. (*See* Hejtmancik, Herrmann, and Wright), 671
——. (*See* Zao, et al.), 65, 195, 920
HIBBS, RICHARD G., BURCH, GEORGE E., AND PHILLIPS, JOHN H. The fine structure of the small blood vessels of normal human dermis and subcutis, 662
HOLLISTER, JAMES M., LUBASH, GLENN D., COHEN, BURTON D., BRAVEMAN, WARREN S., RUBIN, ALBERT L., AND LUCKEY, E. HUGH. Refractory edema treated with calcium chloride in combination with mercurial diuretics, 629
HUMERFELT, S., MÜLLER, O., AND STORSTEIN, O. The circulation in hyperthyroidism: a cardiac catheterization study before and after treatment, 87
HURST, J. WILLIS, AND BLACKARD, EMBREE. (Editorial) Inspection and palpation of pulsations on the front of the chest, 159
HUSNI, ELIAS. (*See* Sancetta, et al.), 212

I

IKEDA, M. (*See* Okinaka, et al.), 319
INMON, T. W. (*See* Cupp, et al.), 695
ISHIMI, Z. (*See* Okinaka, et al.), 319
ISOBE, TAKEHIKO. (*See* Toyoshima, et al.), 165

J

JACKSON, W. B. The functional activity of the human conjunctival capillary bed in hypertensive and normotensive subjects, 222
JODY, ALEXANDER. (*See* Scherf, et al.), 236
JOHNSTON, FRANK R. (*See* Spencer, et al.), 722

K

KANEKO, J. (*See* Okinaka, et al.), 319
KARNI, H. High-frequency features in the vectorcardiogram, 98
KARNI, HAIM S. TsÊ loop in left ventricular hypertrophy, 518
KARPMAN, HAROLD L. A method for indirect pulse recording, and its use in the diagnosis of aortic stenosis, 799
KATO, HIROSHI. (*See* Toyoshima, et al.), 165
KAVANAGH-GRAY, D., AND DRAKE, E. H. Complications of left heart catheterizations using the right transthoracic approach, 143
KERNEN, JULES A. Corrected transposition of the great vessels of the heart, 583
KLIP, W. Difficulties in the measurement of pulse-wave velocity, 806
——. (*See* Feer, et al.), 642
KRAMER, JAMES. (*See* Sancetta, et al.), 212
KRUEGER, JAMES D. (*See* Dick, et al.), 396
——. (*See* McCawley, et al.), 405
KURAMOTO, K. (*See* Okinaka, et al.), 319
KUTSUNA, YOSHIO. (*See* Toyoshima, et al.), 165

L

LACONI, ANTONELLO. The dynamics of the left ventricular border in chronic constrictive pericarditis: an analytic roentgenkymographic study with remarks on the "flat top and V" electrokymographic pattern, 73
LANGE, HENRIK F., AND AARSETH, SVERRE. The influence of anticoagulant therapy on the occurrence of cardiac rupture and hemopericardium following heart infarction. II. A controlled study of a selected treated group based on 1,044 autopsies, 257
——. (*See* Aarseth and Lange), 250
LARKS, S. D., AND DASGUPTA, K. Fetal electrocardiography, with special reference to early pregnancy, 701
LEE, PHILIP R. (*See* Williams, et al.), 107
LEIGHT, LEONARD, AND DAVIS, LAWRENCE A. The relation of the aortic root to the ventricular septum in tetralogy of Fallot, 129
LEPESCHKIN, E. A simple indexing system for electrocardiograms, 776
LEVINE, BURTON. (*See* Roseff, Levine, and Gilbert), 119
LEVINE, SAMUEL A. (Editorial) Pitfalls in interpreting coronary artery statistics, 639
——. (*See* Riss and Levine), 814, 831
LIKOFF, WILLIAM. (*See* Sinha, et al.), 264
LINDE, LEONARD M. (*See* Schmutzer and Linde), 761
LOGUE, R. BRUCE. (*See* Crevasse and Logue), 898
LOZANO, ELENA. (*See* Nava, et al.), 598
LUBASH, GLENN D. (*See* Hollister, et al.), 629
LUCKEY, E. HUGH. (*See* Hollister, et al.), 629

M

MALT, RONALD A. Ballistocardiogram during paralysis with succinylcholine, 245
MANNING, G. W. (*See* Sears and Manning), 591
MARTICORENA, EMILIO. (*See* Peñaloza, et al.), 493
MASTER, ARTHUR M. Iproniazid (Marsilid) in angina pectoris, 570
MCBRIDE, RAYMOND A. (*See* Gill, et al.), 878
MCCAWLEY, ELTON L., DICK, H. LENOX H., KRUEGER, JAMES D., AND VOISS, DANIEL V. A correlation between the therapeutic effectiveness of certain drugs in atrial fibrillation and their action on myocardial conduction, 405
——. (*See* Dick, et al.), 396
MCDEVITT, ELLEN. (*See* Escudero and McDevitt), 846
MELROSE, DENIS G. (*See* Baer, et al.), 652
MEREDITH, JESSE H. (*See* Spencer, Johnston, and Meredith), 722
MICHAELIDES, GEORGE. (*See* Aravanis, et al.), 126
MISRA, S. N. (*See* Sanghvi, et al.), 79
MOORE, CHARLES B. (*See* Birchall, et al.), 616
MÜLLER, O. (*See* Humerfelt, et al.), 87
MURATA, K. (*See* Okinaka, et al.), 319

N

NADAS, ALEXANDER S. (*See* Hauck, et al.), 443
NAGAYA, TERUO. (*See* Toyoshima, et al.), 165
NAIDU, R. (*See* Caster, et al.), 658
NAVA, ARMANDO, COMESAÑA, FRANCISCO, LOZANO, ELENA, FISHLEDER, BERNARDO L., AND SODI-PALLARES, DEMETRIO. With the technical assistance of Cuéllar, Adela. The effect of nicotinic acid, phenyl-ethyl-acetamide, and a combination of both drugs on hypercholesterolemic dogs and human beings, 598
NIITANI, H. (*See* Okinaka, et al.), 319
NORDYKE, ROBERT A., AND PEARCE, MORTON LEE. With the technical assistance of Yamashita, Joe. Renal adaptations to postural changes in chronic congestive heart failure, 202
NORMAN, ALAN. (*See* Baer, et al.), 652

O

OKINAKA, S., IKEDA, M., HASHIBA, K., MURATA, K., KANEKO, J., OZAWA, T., NIITANI, H., ISHIMI, Z., FUJII, J., TAKEDA, Y., KURAMOTO, K., TSUJI, M., AND TERASAWA, F. Studies on the control of coronary circulation. Part I. The effect of the stimulation of the nerves on the coronary circulation. Part II. The humoral effect on the coronary circulation, 319
ONGLEY, PATRICK A. (*See* Hauck, et al.), 443
OSBORN, JOHN J. (*See* Baer, et al.), 652
OZAWA, T. (*See* Okinaka, et al.), 319

P

PADMAVATI, S., GUPTA, S., AND PANTULU, G. V. A. Dietary fat, serum cholesterol levels, and incidence of atherosclerosis and hypertension in Delhi, India, 112
PANTULU, G. V. A. (*See* Padmavati, et al.), 112
PEARCE, MORTON LEE. (*See* Nordyke and Pearce), 202
PEÑALOZA, DANTE, ECHEVARRÍA, MAX, MARTICORENA, EMILIO, AND GAMBOA, RAÚL. Early electrocardiographic changes produced by ascending to high altitudes, 493
PERKINS, HERBERT A. (*See* Baer, et al.), 652
PHILLIPS, JOHN H. (*See* Hibbs, Burch, and Phillips), 662
PHILLIPS, R. W. The electrocardiogram in cor pulmonale secondary to pulmonary emphysema: A study of 18 cases proved by autopsy, 352
PILEGGI, FULVIO. (*See* Barbato, et al.), 340
PINTO LIMA, F. X., SPIRITUS, OSWALDO, AND TRANCHESI, JOÃO. Arrhythmias and vector electrocardiographic analysis of complete bundle branch block in Chagas' disease: A study of 103 autopsied cases, 501
PIPBERGER, HUBERT V. (*See* Ball and Pipberger), 611
PORTILLO, B. (*See* Espino-Vela, et al.), 856
PRIEST, EDWARD M. (*See* Caldwell and Priest), 737

R

RISS, EGON, AND LEVINE, SAMUEL A. Some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty. Part I, 814
——, and ——. Some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty. Part II, 831
ROCHELLE, DON, AND FORD, RALPH V. Evaluation of antihypertensive effects of S.9-390 (2-(oh-chlorobenzyl) imidazoline hydrochloride), 463
ROSEFF, IRWIN, LEVINE, BURTON, AND GILBERT, LAWRENCE. Lipothymoma simulating cardiomegaly: case report, 119
ROSENBERG, S. Z., BRAUN, K., AND STERN, S. Arterial pressure pulse contour and Valsalva maneuver in suspected aortic stenosis, 486
ROSSALL, RICHARD E. (*See* Fraser and Rossall), 926
ROWELL, N. R., AND STILL, W. J. S. Isolated dextrocardia associated with Lutembacher's syndrome, 60
RUBIN, ALBERT L. (*See* Hollister, et al.), 629
——. (*See* Spritz, et al.), 715
RUBIN, IRA L. (*See* Anderson and Rubin), 299
RUBIO, V. (*See* Espino-Vela, et al.), 856
RUEGSEGGER, J. M. Pneumococcal endocarditis, 867
RUSK, HOWARD A. (*See* Williams, et al.), 107

S

SANCETTA, SALVATORE M., KRAMER, JAMES, AND HUSNI, ELIAS. With the technical assistance of Heckman, Gladys, Janouskovec, Hanna, and Haney, Helen. The effects of "dry" heat on the circulation of man. I. General hemodynamics, 212
SANGHVI, L. M., MISRA, S. N., BANNERJI, K., AND GUPTA, K. D. Electrocardiogram in chronic severe anemia, 79
SARUHASHI, YOSHIKO. (*See* Toyoshima, et al.), 165
SCHERF, DAVID, BLUMENFELD, SERGE, YILDIZ, MUHTAR, AND JODY, ALEXANDER. The effect on atrial impulse formation of a hypertonic solution of sodium chloride applied focally, 236
SCHMUTZER, KARL J., AND LINDE, LEONARD M. Situs inversus totalis associated with complex cardiovascular anomalies, 761
SCHRIRE, V. The racial incidence of heart disease at Groote Schuur Hospital, Cape Town. Part I. Coronary vascular disease, 280
——. The racial incidence of heart disease at Groote Schuur Hospital, Cape Town. Part II. Hypertension and valvular disease of the heart, 742
SCHULTZ, JEPPE. Coronary arteriovenous aneurysm: review of literature, 431
SEARS, G. A., AND MANNING, G. W. Routine electrocardiography: postprandial T-wave changes, 591

SHERMAN, FRANK E., STENGEL, WILLIAM F., AND BAUERSFELD, S. RICHARD. Congenital stenosis of pulmonary veins at their atrial junctions, 908
SILVA, PAULO DE PAULA E. (*See* Barbato, et al.), 340
SINHA, KAMTA, URICCHIO, JOSEPH F., AND LIKOFF, WILLIAM. A clinical evaluation of cross-polar plication (posteromedial annuloplasty) in the surgical treatment of rheumatic mitral regurgitation, 264
SINHA, KAMTA P., AND GOLDBERG, HARRY. Marfan's syndrome: a case with complete dissection of the aorta, 890
SODI-PALLARES, DEMETRIO. (*See* Nava, et al), 598
SPENCER, MERRILL P., JOHNSTON, FRANK R., AND MEREDITH, JESSE H. The origin and interpretation of murmurs in coarctation of the aorta, 722
SPIRITUS, OSWALDO. (*See* Pinto Lima, et al.), 501
SPRITZ, NORTON, COHEN, BURTON D., FRIMPTER, GEORGE W., AND RUBIN, ALBERT L. Electrocardiographic interrelationship of the pre-excitation (Wolff-Parkinson-White) syndrome and myocardial infarction, 715
STENGEL, WILLIAM F. (*See* Sherman, et al.), 908
STERN, S. (*See* Rosenberg, et al.), 486
STERN, THOMAS N. (*See* Copeland and Stern), 291
STILL, W. J. S. (*See* Rowell and Still), 60
STOCKER, HAROLD H., AND ENTERLINE, H. T. "Cardio-vocal syndrome": laryngeal paralysis in intrinsic heart disease, 51
STORSTEIN, O. (*See* Humerfelt, et al.), 87

T

TAKEDA, Y. (*See* Okinaka, et al.), 319
TELLER, WALTER M. Congenital mitral atresia, 304
TENNEY, S. M. Correlative observations on the electrocardiogram and morphology of the heart of the Florida manatee, 933
TERASAWA, F. (*See* Okinaka, et al.), 319
THOMPSON, ROBERT G. (*See* Beard and Thompson), 313
TORNER-SOLER, M., BALAGUER-VINTRÓ, I., AND CARRASCO-AZEMAR, J. Cardiac dextroposition: hypoplasia of the right pulmonary artery with right venous pulmonary drainage into the inferior vena cava, 425
TORRES, J. (*See* Angelakos, et al.), 458
TOYOSHIMA, HIDEO, KATO, HIROSHI, ISOBE, TAKEHIKO, KUTSUNA, YOSHIO, NAGAYA, TERUO, AND SARUHASHI, YOSHIKO. Electrocardiogram and vectorcardiogram reconstruction and its application to clinical diagnosis of myocardial infarction, 165
TRANCHESI, JOÃO. (*See* Pinto Lima, et al.), 501
TSUJI, M. (*See* Okinaka, et al.), 319

U

URICCHIO, JOSEPH F. (*See* Sinha, et al.), 264

V

VAANE, J. P. (*See* Burger and Vaane), 29
VELOSO, A. (*See* Caster, et al.), 658
VOISS, DANIEL V. (*See* Dick, et al.), 396
——. (*See* McCawley, et al.), 405

W

WAGNER, G. R. (*See* Barnett and Wagner), 412
WAKAI, COOLIDGE S., AND EDWARDS, JESSE E. Pathologic study of persistent common atrioventricular canal, 779
WHITE, PAUL D. (*See* Williams, et al.), 107
WILLIAMS, BRYAN, WHITE, PAUL D., LEE, PHILIP R., AND RUSK, HOWARD A. Cardiac rehabilitation: a survey of cardiologists' opinions, 107
WOOD, EARL H. (*See* Wright and Wood), 64
WOOLVIN, S. C. (*See* Cupp, et al.), 695
WRIGHT, J. LEO, AND WOOD, EARL H. The value of aortic and radial pressure pulses in the diagnosis of cardiovascular disorders, 64
WRIGHT, JAMES C. (*See* Hejtmancik, et al.), 671

Y

YILDIZ, MUHTAR. (*See* Scherf, et al.), 236

Z

ZAO, ZANG Z., HERRMANN, GEORGE R., AND HEJTMANCIK, MILTON R. A study of cardiac vectors in the frontal plane, 65
——, ——, and ——. A vector study of the delta wave in "nondelayed" conduction, 920
——, ——, and ——. Spatial vector electrocardiography: method and average normal vector of P, QRS, and T in space, 195

Subject Index

A

Adrenaline, some aspects of role of noradrenaline and, in circulation (Euler), 469
Age factor: over and under 50 years; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 838
Altitudes, high, early electrocardiographic changes produced by ascending to (Peñaloza, et al.), 493
Anaesthesia (British Medical Bulletin), Vol. 14, No. 1, 155 (B. Rev.)
Anemia, severe, chronic, electrocardiogram in (Sanghvi, et al.), 79
Aneurysm, arteriovenous, coronary (Schultz), 431
of ascending aorta caused by congenital syphilis (Beard and Thompson), 313
Angina pectoris and other muscular pain due to ischemia, treatment of, with iproniazid and isoniazid (Cossio), 113
iproniazid (Marsilid) in (Master), 570
Année cardiologique internationale, Tome V, 150 (B. Rev.)
Announcements, 157, 318, 638, 798
Anomalies, cardiovascular, complex, situs inversus totalis associated with (Schmutzer and Linde), 761
Anticoagulant therapy, influence of, on occurrence of cardiac rupture and hemopericardium following heart infarction. I. Study of 89 cases of hemopericardium (81 of them cardiac ruptures) (Aarseth and Lange), 250
II. Controlled study of selected treated group based on 1,044 autopsies (Lange and Aarseth), 257
Anticoagulative therapy, different concept of prothrombin time control for (Caldwell and Priest), 737
Aorta, ascending, aneurysm of, caused by congenital syphilis (Beard and Thompson), 313
case with complete dissection of; Marfan's syndrome (Sinha and Goldberg), 890
origin and interpretation of murmurs in coarctation of (Spencer, et al.), 722
Aortic and radial pressure pulses, value of, in diagnosis of cardiovascular disorders (Wright and Wood), 64
root, relation of, to ventricular septum in tetralogy of Fallot (Leight and Davis), 129
stenosis, method for indirect pulse recording, and its use in diagnosis of (Karpman), 799
suspected, arterial pressure pulse contour and Valsalva maneuver in (Rosenberg, et al.), 486
Arrhythmias and vector electrocardiographic analysis of complete bundle branch block in Chagas' disease: study of 103 autopsied cases (Pinto Lima, et al.), 501
Arrhythmias—Cont'd
cardiac; available methods of therapy (Bellet), 480
electrolyte alterations in (Bellet), 482
improvement in cardiac function (Bellet), 483
recent advances in treatment of (Bellet), 479
Arterial hypertension, classics in, 154 (B. Rev.)
pressure pulse contour and Valsalva maneuver in suspected aortic stenosis (Rosenberg, et al.), 486
renal, obstruction, unilateral, hypertension due to: preliminary observations on contribution of differential renal clearance studies (Birchall, et al.), 616
Arteries, renal, both, human hypertension due to thrombotic occlusion of: report of case "cured" by surgical removal of thrombus (Castillo and Barrera), 769
Arteriosclerosis, clinical aspects of, 154 (B. Rev.)
Arteriovenous aneurysm, coronary (Schultz), 431
Artery, coronary, descending, anterior, traumatic laceration of, treated by ligation without myocardial infarction: report of case with review of literature (Carleton and Boyd), 136
statistics, pitfalls in interpreting (Levine), 639
pulmonary, right, with right venous pulmonary drainage into inferior vena cava, hypoplasia of; cardiac dextroposition (Torner-Soler, et al.), 425
Ascending aorta, aneurysm of, caused by congenital syphilis (Beard and Thompson), 313
Atherosclerosis and hypertension, dietary fat, serum cholesterol levels, and, incidence of, in Delhi, India (Padmavati, et al.), 112
with consideration of; mechanisms of hypertension, 149 (B. Rev.)
Atresia, mitral, congenital (Teller), 304
Atrial dissociation, electrocardiographic demonstration of (Dimond and Hayes), 929
fibrillation, correlation between therapeutic effectiveness of certain drugs in, and their action on myocardial conduction of (McCawley, et al.), 405
occurrence of rapid ventricular rate during, as paradoxical manifestation of digitalis intoxication (Bacaner), 685
flutter and ventricular tachycardia, simultaneous (Anderson and Rubin), 299
impulse formation, effect on, of hypertonic solution of sodium chloride applied focally (Scherf, et al.), 236
junctions, congenital stenosis of pulmonary veins at (Sherman, et al.), 908
Atrioventricular canal: associated acquired conditions (Wakai and Edwards), 791

Atrioventricular canal—Cont'd
congenital defects and conditions (Wakai and Edwards), 788
common, persistent, pathologic study of (Wakai and Edwards), 776
findings in primary congenital malformation (Wakai and Edwards), 788
sex, survival, and causes of death (Wakai and Edwards), 792
Auricular and ventricular septal defects, combined: study of five cases with postmortem confirmation in three (Espino-Vela, et al.), 856
fibrillation; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 831
A-V conducting system, dissociation with interference between pacemakers located within (Castellanos, et al.), 562

B

Ballistocardiogram during paralysis with succinylcholine (Malt), 245
Ballistocardiographic findings on J wave (Bodrogi), 95
Block, heart, second degree, with Wenckebach phenomenon: its occurrence over period of several years in young healthy adult (Grossman), 607
Blood, movement of heart and, in animals, anatomical essay, 317 (B. Rev.)
vessels, small, of normal human dermis and subcutis, fine structure of (Hibbs, et al.), 662
Book reviews, 149, 317, 478, 637, 795
Brustorgane, Erkrankungen der (Band I); Lehrbuch der Roentgenologischen Differentialdiagnostik, 795 (B. Rev.)
Bundle branch block, complete, arrhythmias and vector electrocardiographic analysis of, in Chagas' disease: study of 103 autopsied cases (Pinto Lima, et al.), 501
left, complicated by left ventricular myocardial infarction, electrocardiographic and vectorcardiographic changes in (Toyoshima et al.), 182
right, endocardial lead in (Dickens and Goldberg), 372
following cardiac surgery: report of two cases persisting after pulmonary valvulotomy and infundibulectomy (Hanson), 275
right, complicated by left ventricular myocardial infarction, electrocardiographic and vectorcardiographic changes in (Toyoshima et al.), 177
Bypass, cardiopulmonary, acute myocardial injury during (Fraser and Rossall), 926

C

Calcium chloride in combination with mercurial diuretics, refractory edema treated with (Hollister, et al.), 629
Capillary bed, conjunctival, human, functional activity of, in hypertensive and normotensive subjects (Jackson), 222
Cardiac arrhythmias, recent advances in treatment of (Bellet), 479
catheterization study before and after treatment; circulation in hyperthyroidism (Humerfelt, et al.), 87
dextroposition: hypoplasia of right pulmonary artery with right venous pulmonary drainage into inferior vena cava (Torner-Soler, et al.), 425
output measurement by injection method without arterial sampling (Feer, et al.), 642
rehabilitation: survey of cardiologists opinions (Williams, et al.), 107
rupture and hemopericardium, influence of anticoagulant therapy on occurrence of, following heart infarction. I. Study of 89 cases of hemopericardium (81 of them cardiac ruptures) (Aarseth and Lange), 250
II. Controlled study of selected treated group based on 1,044 autopsies (Lange and Aarseth), 257
surgery, complete right bundle branch block following: report of two cases persisting after pulmonary valvulotomy and infundibulectomy (Hanson), 275
vectors in frontal plane, study of (Zao, et al.), 65
Cardiomegaly, lipothymoma simulating: case report (Roseff, et al.), 119
Cardiopulmonary bypass, acute, myocardial injury during (Fraser and Rossall), 926
Cardiovascular anomalies, complex, situs inversus totalis associated with (Schmutzer and Linde), 761
disorders, value of aortic and radial pressure pulses in diagnosis of (Wright and Wood), 64
"Cardio-vocal syndrome": laryngeal paralysis in intrinsic heart disease (Stocker and Enterline), 51
Catheterizations, left heart, using right transthoracic approach, complications of (Kavanagh-Gray and Drake), 143
Chagas' disease, arrhythmias and vector electrocardiographic analysis of complete bundle branch block in: study of 103 autopsied cases (Pinto Lima, et al.), 501
Chaotic heart due to metastatic synovioma (Cupp, et al.), 695
Chest, inspection and palpation of pulsations on front of (Hurst and Blackard), 159
Children, use of digoxin in infants and (Hauck, et al.), 443
Chirurgie cardiaque, hypothermie et, 637 (B. Rev.)
Cholesterol, effect of drugs (nicotinic acid and phenyl-ethyl-acetamide) on different fractions of (Nava et al.), 602
serum, levels, dietary fat, and incidence of atherosclerosis and hypertension in Delhi, India (Padmavati, et al.), 112
Circulation, coronary, studies on control of. Part I. Effect of stimulation of nerves on coronary circulation. Part II. Humoral effect on coronary circulation (Okinaka, et al.), 319

Circulation—Cont'd
extracorporeal, serum electrolyte observations following (Baer, et al.), 652
in hyperthyroidism: cardiac catheterization study before and after treatment (Humerfelt, et al.), 87
of man, effects of "dry" heat on. I. General hemodynamics (Sancetta, et al.), 212
some aspects of role of noradrenaline and adrenaline in (Euler), 469
Coarctation of aorta, origin and interpretation of murmurs in (Spencer, et al.), 722
Conducting system, A-V, dissociation with interference between pacemakers located within (Castellanos, et al.), 562
Conduction, myocardial, correlation between therapeutic effectiveness of certain drugs in atrial fibrillation and their action on (McCawley, et al.), 405
electrocardiographic evaluation studies on quinidine-induced changes of (Dick, et al.), 396
"nondelayed," vector study of delta wave in (Zao, et al.), 920
Congestive heart failure, chronic, renal adaptations to postural changes in (Nordyke and Pearce), 202
Conjunctival capillary bed, human, functional activity of, in hypertensive and normotensive subjects (Jackson), 222
Constrictive pericarditis, chronic, dynamics of left ventricular border in: analytic roentgenkymographic study with remarks on "flat top and V" electrokymographic pattern (Laconi), 73
Contour, arterial pressure pulse, and Valsalva maneuver in suspected aortic stenosis (Rosenberg, et al.), 486
Cor pulmonale secondary to pulmonary emphysema, electrocardiogram in: study of 18 cases proved by autopsy (Phillips), 352
Coronary arteriovenous aneurysm, 431
artery, descending, anterior, traumatic laceration of, treated by ligation without myocardial infarction: report of case with review of literature (Carleton and Boyd), 136
statistics, pitfalls in interpreting (Levine), 639
circulation, studies on control of. Part I. Effect of stimulation of nerves on coronary circulation. Part II. Humoral effect on coronary circulation (Okinaka, et al.), 319
embolism: report of three cases (Gill, et al.), 878
occlusion, acute, effect of, upon movement of Evans blue dye into different areas of pig heart muscle (Caster, et al.), 658
vascular disease (Part I); racial incidence of heart disease at Groote Schuur Hospital, Cape Town (Schrire), 280

D

Delta wave, vector study of, in "nondelayed" conduction (Zao, et al.), 920
Dermis and subcutis, human, normal, fine structure of small blood vessels of (Hibbs, et al.), 662
Dextrocardia, isolated, associated with Lutembacher's syndrome (Rowell and Still), 60
Digitalis intoxication, occurrence of rapid ventricular rate during atrial fibrillation as paradoxical manifestation of (Bacaner), 685
Digoxin, use of, in infants and children (Hauck, et al.), 443
Dissociation, atrial, electrocardiographic demonstration of (Dimond and Hayes), 929
with interference between pacemakers located within A-V conducting system (Castellanos, et al.), 562
Diuretics, mercurial, refractory edema treated with calcium chloride in combination with (Hollister, et al.), 629
Drugs, certain, correlation between therapeutic effectiveness of, in atrial fibrillation and their action on myocardial conduction (McCawley, et al.), 405
hypotensive, 151 (B. Rev.)
sympatheticomimetic, case report and description of response to; severe orthostatic hypotension (Barnett and Wagner), 412
"Dry" heat, effects of, on circulation of man. I. General hemodynamics (Sancetta, et al.), 212

E

ECG changes, method of vector analysis of; myocardial infarction in Wolff-Parkinson-White syndrome (Angle), 36
Edema, refractory, treated with calcium chloride in combination with mercurial diuretics (Hollister, et al.), 629
Editorial. Inspection and palpation of pulsations on front of chest (Hurst and Blackard), 159
Pitfalls in interpreting coronary artery statistics (Levine), 639
Recent advances in treatment of cardiac arrhythmias (Bellet), 479
Vectorcardiography (Duchosal), 1
Elastomyofibrosis, endocardial, (EEMF), myocarditis with (Fisher and Davis), 537
Electrocardiogram and morphology of heart of Florida manatee, correlative observations on (Tenney), 933
and vectorcardiogram reconstruction and its application to clinical diagnosis of myocardial infarction (Toyoshima, et al.), 165
endocardial and precordial correlation of (Dickens and Goldberg), 17
in chronic severe anemia (Sanghvi, et al.), 79
in cor pulmonale secondary to pulmonary emphysema: study of 18 cases proved by autopsy (Phillips), 352
in scleroderma: analysis of 60 cases and review of literature (Escudero and McDevitt), 846
ventricular, precordial and endocardial, correlation of (Dickens and Goldberg), 8

Electrocardiograms, method of vector analysis of (Angle), 36
precordial, some observations concerning "nondipolar" fraction of; electrocardiographic cancellation (Brody and Copeland), 381
simple indexing system for (Lepeschkin), 776
some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 836
Electrocardiographic cancellation: some observations concerning "nondipolar" fraction of precordial electrocardiograms (Brody and Copeland), 381
changes, early, produced by ascending to high altitudes (Peñaloza, et al.), 493
demonstration of atrial dissociation (Dimond and Hayes), 929
evaluation studies on quinidine-induced changes of myocardial conduction (Dick, et al.), 396
interrelationship of pre-excitation (Wolff-Parkinson-White) syndrome and myocardial infarction (Spritz, et al), 715
vector, analysis, arrhythmias and, of complete bundle branch block in Chagas' disease: study of 103 autopsied cases (Pinto Lima, et al.), 501
Electrocardiography, clinical—interpretation on physiologic basis, 156 (B. Rev.)
fetal, with special reference to early pregnancy (Larks and Dasgupta), 701
routine: postprandial T-wave changes (Sears and Manning), 591
spatial vector: method and average normal vector of P, QRS, and T in space (Zao, et al.), 195
Electrokymographic pattern, "flat top and V," analytic roentgenkymographic study with remarks on; dynamics of left ventricular border in chronic constrictive pericarditis (Laconi), 73
Electrolyte, serum, observations following extracorporeal circulation (Baer, et al.), 652
Emboli; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 834
Embolism, coronary: report of three cases (Gill, et al.), 878
Emphysema, pulmonary, electrocardiogram in cor pulmonale secondary to: study of 18 cases proved by autopsy (Phillips), 352
Endocardial elastomyofibrosis (EEMF), myocarditis with (Fisher and Davis), 537
lead in complete right bundle branch block (Dickens and Goldberg), 372
precordial and, ventricular electrocardiogram, correlation of (Dickens and Goldberg), 8
thickening, observations concerning pathogenesis of, in adult heart (Fisher and Davis), 553
Endocarditis, pneumococcal (Ruegsegger), 867
Epicardial leads, direct, study of sequence of ventricular activation and QRS complex of pathologic human heart, using (Barbato, et al.), 340
Epicardial leads—Cont'd
Evans blue dye, effect of acute coronary occlusion upon movement of, into different areas of pig heart muscle (Caster, et al.), 658

F

Failure, congestive; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 835
Fat, dietary, serum cholesterol levels, and incidence of atherosclerosis and hypertension in Delhi, India (Padmavati, et al.), 112
Fetal electrocardiography, with special reference to early pregnancy (Larks and Dasgupta), 701
Fibrillation, atrial, correlation between therapeutic effectiveness of certain drugs in, and their action on myocardial conduction (McCawley, et al.), 405
occurrence of rapid ventricular rate during, as paradoxical manifestation of digitalis intoxication (Bacaner), 685
"Flat top and V" electrokymographic pattern, analytic roentgenkymographic study with remarks on; dynamics of left ventricular border in chronic constrictive pericarditis (Laconi), 73
Florida manatee, correlative observations on electrocardiogram and morphology of heart of (Tenney), 933
Flutter, atrial, and ventricular tachycardia, simultaneous (Anderson and Rubin), 299
Frontal plane, study of cardiac vectors in (Zao, et al.), 65

G

Great vessels of heart, corrected transposition of (Kernen), 583

H

Heart, adult, observations concerning pathogenesis of endocardial thickening in (Fisher and Davis), 553
and blood, movement of, in animals, anatomical essay, 317 (B. Rev.)
block, second degree, with Wenckebach phenomenon: its occurrence over period of several years in young healthy adult (Grossman), 607
chaotic, due to metastatic synovioma (Cupp, et al.), 695
corrected transposition of great vessels of (Kernen), 583
disease, intrinsic, laryngeal paralysis in: "cardio-vocal syndrome" (Stocker and Enterline), 51
organic, paroxysmal supraventricular tachycardias complicating (Hejtmancik, et al.), 671
racial incidence of, at Groote Schuur Hospital, Cape Town. Part I. Coronary vascular disease (Schrire), 280

Heart—Cont'd
Part II. Hypertension and valvular disease of heart (Schrire), 742
dog, hypothermic, ouabain on (Angelakos, et al.), 458
failure, congestive, chronic, renal adaptations to postural changes in (Nordyke and Pearce), 202
human, pathologic, study of sequence of ventricular activation and QRS complex of, using direct epicardial leads (Barbato, et al.), 340
left, catheterizations using right transthoracic approach, complications of (Kavanagh-Gray and Drake), 143
of Florida manatee, correlative observations on electrocardiogram and morphology of (Tenney), 933
Heat, "dry," effects of, on circulation of man. I. General hemodynamics (Sancetta, et al.), 212
Hemopericardium, influence of anticoagulant therapy on occurrence of cardiac rupture and, following heart infarction. I. Study of 89 cases of hemopericardium (81 of them cardiac ruptures) (Aarseth and Lange), 250
II. Controlled study of selected treated group based on 1,044 autopsies (Lange and Aarseth), 257
Hemoptysis, attacks of pulmonary edema or; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 831
Herzens, Physiologie des, 796 (B. Rev.)
Herzleiden, Operable; Einfuhrung in Klinik, Diagnostik und Operations-moglichkeiten, 637 (B. Rev.)
Humoral effect on coronary circulation (Part II); studies on control of coronary circulation (Okinaka, et al.), 332
Hypercholesterolemic dogs and human beings, effect of nicotinic acid, phenyl-ethyl-acetamide, and combination of both drugs on (Nava, et al.), 598
Hypertension and valvular disease of heart (Part II); racial incidence of heart disease at Groote Schuur Hospital, Cape Town (Schrire), 742
arterial, classics in, 154 (B. Rev.)
dietary fat, serum cholesterol levels, and incidence of atherosclerosis and, in Delhi, India (Padmavati, et al.), 112
due to unilateral renal arterial obstruction: preliminary observations on contribution of differential renal clearance studies (Birchall, et al.), 616
human, due to thrombotic occlusion of both renal arteries: report of case "cured" by surgical removal of thrombus (Castillo and Barrera), 769
mechanisms of: with consideration of atherosclerosis, 149 (B. Rev.)
portal, 317 (B. Rev.)
Hypertensive and normotensive subjects, functional activity of human conjunctival capillary bed in (Jackson), 222
Hyperthyroidism, circulation in: cardiac catheterization study before and after treatment (Humerfelt, et al.), 87
Hypertrophy, ventricular, left, TsÊ loop in (Karni), 518
Hypoplasia of right pulmonary artery with right venous pulmonary drainage into inferior vena cava; cardiac dextroposition (Torner-Soler, et al.), 425
Hypotension, orthostatic, severe: case report and description of response to sympatheticomimetic drugs (Barnett and Wagner), 412
Hypotensive drugs, 151 (B. Rev.)
Hypothermia, induced, physiology of, 156 (B. Rev.)
Hypothermic dog heart, ouabain on (Angelakos, et al.), 458
Hypothermie et chirurgie cardiaque, 637 (B. Rev.)

I

Infants and children, use of digoxin in (Hauck, et al.), 443
Infarction, heart, influence of anticoagulant therapy on occurrence of cardiac rupture and hemopericardium following. I. Study of 89 cases of hemopericardium (81 of them cardiac ruptures) (Aarseth and Lange), 250
II. Controlled study of selected treated group based on 1,044 autopsies (Lange and Aarseth), 257
myocardial, electrocardiogram and vectorcardiogram reconstruction and its application to clinical diagnosis of (Toyoshima, et al.), 165
electrocardiographic interrelationship of pre-excitation (Wolff-Parkinson-White) syndrome and (Spritz, et al.), 715
in Wolff-Parkinson-White syndrome: method of vector analysis of ECG changes (Angle), 36
traumatic laceration of anterior descending coronary artery treated by ligation without: report of case with review of literature (Carleton and Boyd), 136
Infarctions, fresh, electrocardiographic changes in (Toyoshima, et al.), 174
myocardial, old, electrocardiographic changes in (Toyoshima, et al.), 170
vectorcardiographic changes in (Toyoshima, et al.), 176
Infundibulectomy, report of two cases persisting after pulmonary valvulotomy and; complete right bundle branch block following cardiac surgery (Hanson), 275
Injury, myocardial, acute, during cardiopulmonary bypass (Fraser and Rossall), 926
Iproniazid and isoniazid, treatment of angina pectoris and other muscular pain due to ischemia with (Cossio, et al.), 113
(Marsilid) in angina pectoris (Master), 570
Ischemia, treatment of angina pectoris and other muscular pain due to, with iproniazid and isoniazid (Cossio), 113

Isoniazid, treatment of angina pectoris and other muscular pain due to ischemia with iproniazid and (Cossio), 113

J

J wave, ballistocardiographic findings on (Bodrogi), 95

L

Laryngeal paralysis in intrinsic heart disease: "cardio-vocal syndrome" (Stocker and Enterline), 51
Lead, endocardial, in complete right bundle branch block (Dickens and Goldberg), 372
Leads, endocardial, correlation of, with clinical and physiologic data (Dickens and Goldberg), 20
epicardial, direct, study of sequence of ventricular activation and QRS complex of pathologic human heart, using (Barbato, et al.), 340
Ligation, traumatic laceration of anterior descending coronary artery treated by, without myocardial infarction: report of case with review of literature (Carleton and Boyd), 136
Lipothymoma simulating cardiomegaly: case report (Roseff, et al.), 119
Loop, TsE, in left ventricular hypertrophy (Karni), 518
Lutembacher's syndrome, isolated dextrocardia associated with (Rowell and Still), 60

M

Manatee, Florida, correlative observations on electrocardiogram and morphology of heart of (Tenney), 933
Marfan's syndrome: case with complete dissection of aorta (Sinha and Goldberg), 890
Mercurial diuretics, refractory edema treated with calcium chloride in combination with (Hollister, et al.), 629
Metastatic synovioma, chaotic heart due to (Cupp, et al.), 695
Mitral atresia, congenital (Teller), 304
regurgitation, rheumatic, clinical evaluation of cross-polar plication (posteromedial annuloplasty) in surgical treatment of (Sinha, et al.), 264
valvular disease, some clinical notes on patients with, who have had mitral valvuloplasty. Part I (Riss and Levine), 814
Part II (Riss and Levine), 831
Mucopolysaccharides, chemistry and biology of, 796 (B. Rev.)
Murmurs, origin and interpretation of, in coarctation of aorta (Spencer, et al.), 722
Muscle, pig heart, effect of acute coronary occlusion upon movement of Evans blue dye into different areas of (Caster, et al.), 658
Muscular pain, other, angina pectoris and, due to ischemia, treatment of, with iproniazid and isoniazid (Cossio), 113
Myocardial conduction, correlation between therapeutic effectiveness of certain drugs in atrial fibrillation and their action on (McCawley, et al.), 405
electrocardiographic evaluation studies on quinidine-induced changes of (Dick, et al.), 396
infarction, electrocardiogram and vectorcardiogram reconstruction and its application to clinical diagnosis of (Toyoshima, et al.), 165
electrocardiographic interrelationship of pre-excitation (Wolff-Parkinson-White) syndrome and (Spritz, et al.), 715
in Wolff-Parkinson-White syndrome: method of vector analysis of ECG changes (Angle), 36
supraventricular tachycardia associated with (Hejtmancik, et al.), 681
traumatic laceration of anterior descending coronary artery treated by ligation without: report of case with review of literature (Carleton and Boyd), 136
injury, acute, during cardiopulmonary bypass (Fraser and Rossall), 926
Myocarditis with endocardial elastomyofibrosis (EEMF) (Fisher and Davis), 537

N

Nerves, effect of stimulation of, on coronary circulation (Part I); studies on control of coronary circulation (Okinaka, et al.), 319
Neuzeitlichen Brustwand und Extremitäten—Ableitungen in Praxis, 478 (B. Rev.)
Nicotinic acid, phenyl-ethyl-acetamide, and combination of both drugs, effect of, on hypercholesterolemic dogs and human beings (Nava, et al.), 598
"Nondelayed" conduction, vector study of delta wave in (Zao, et al.), 920
Noradrenaline and adrenaline, some aspects of role of, in circulation (Euler), 469

O

Occlusion, coronary, acute, effect of, upon movement of Evans blue dye into different areas of pig heart muscle (Caster, et al.), 658
thrombotic, of both renal arteries, human hypertension due to: report of case "cured" by surgical removal of thrombus (Castillo and Barrera), 769
Orthogonal vectorcardiogram, normal spatial QRS-T angle of (Ball and Pipberger), 611
Orthostatic hypotension, severe: case report and description of response to sympatheticomimetic drugs (Barnett and Wagner), 412
Ouabain on hypothermic dog heart (Angelakos, et al.), 458
Output, cardiac, measurement by injection method without arterial sampling (Feer, et al.), 642

P

P, QRS, and T, average normal vector of, in space, method and; spatial vector electrocardiography (Zao, et al.), 195
Pacemakers located within A-V conducting system, dissociation with interference between (Castellanos, et al.), 562
Pain, muscular, other, angina pectoris and, due to ischemia, treatment of, with iproniazid and isoniazid (Cossio), 113
Paralysis, laryngeal, in intrinsic heart disease: "cardio-vocal syndrome" (Stocker and Enterline), 51
with succinylcholine, ballistocardiogram during (Malt), 245
Paroxysmal supraventricular tachycardias complicating organic heart disease (Hejtmancik, et al.), 671
Pericarditis, constrictive, chronic, dynamics of left ventricular border in: analytic roentgenkymographic study with remarks on "flat top and V" electrokymographic pattern (Laconi), 73
Pharmacologic principles of medical practice, 153 (B. Rev.)
Phenyl-ethyl-acetamide, nicotinic acid, and combination of both drugs, effect of, on hypercholesterolemic dogs and human beings (Nava, et al.), 598
Phonokardiographie, Atlas und Kurzgefasstes Lehrbuch der, 797 (B. Rev.)
Plane, frontal, study of cardiac vectors in (Zao, et al.), 65
Plication, cross-polar (posteromedial annuloplasty), clinical evaluation of, in surgical treatment of rheumatic mitral regurgitation (Sinha, et al.), 264
Pneumococcal endocarditis (Ruegsegger), 867
Postural changes, renal adaptations to, in chronic congestive heart failure (Nordyke and Pearce), 202
Precordial and endocardial ventricular electrocardiogram, correlation of (Dickens and Goldberg), 8
electrocardiograms, some observations concerning "nondipolar" fraction of; electrocardiographic cancellation (Brody and Copeland), 381
Pre-excitation (Wolff-Parkinson-White) syndrome and myocardial infarction, electrocardiographic interrelationship of (Spritz, et al.), 715
Pregnancy and puerperium, Wenckebach periods in (Copeland and Stern), 291
early, fetal electrocardiography, with special reference to (Larks and Dasgupta), 701
Pressure pulse, arterial, contour and Valsalva maneuver in suspected aortic stenosis (Rosenberg, et al.), 486
pulses, aortic and radial, value of, in diagnosis of cardiovascular disorders (Wright and Wood), 64
Prothrombin time control for anticoagulative therapy, different concept of (Caldwell and Priest), 737
Puerperium, Wenckebach periods in pregnancy and (Copeland and Stern), 291
Pulmonary artery, right, with right venous pulmonary drainage into inferior vena cava, hypoplasia of; cardiac dextroposition (Torner-Soler, et al.), 425
edema or hemoptysis, attacks of; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 832
emphysema, electrocardiogram in cor pulmonale secondary to: study of 18 cases proved by autopsy (Phillips), 352
veins, congenital stenosis of, at atrial junctions (Sherman, et al.), 908
Pulmonic stenosis, ejection sound in (Crevasse and Logue), 900
second sound (Crevasse and Logue), 903
valvular: auscultatory and phonocardiographic characteristics (Crevasse and Logue), 898
Pulsations, inspection and palpation of, on front of chest (Hurst and Blackard), 159
Pulse, pressure, arterial, contour and Valsalva maneuver in suspected aortic stenosis (Rosenberg, et al.), 486
recording, indirect, method for, and its use in diagnosis of aortic stenosis (Karpman), 799
Pulseless disease: report of case (Aravanis, et al.), 126
Pulses, pressure, aortic and radial, value of, in diagnosis of cardiovascular disorders (Wright and Wood), 64
Pulse-wave velocity, difficulties in measurement of (Klip), 806
extraneous tissue interference (Klip), 809
with instrument registration (Klip), 806

Q

QRS complex, study of sequence of ventricular activation and, of pathologic human heart, using direct epicardial leads (Barbato, et al.), 340
P, and T, average normal vector of, in space, method and; spatial vector electrocardiography (Zao, et al.), 195
QRS-T angle, spatial, normal, of orthogonal vectorcardiogram (Ball and Pipberger), 611
Quinidine-induced changes of myocardial conduction; electrocardiographic evaluation studies on (Dick, et al.), 396

R

Racial incidence of heart disease at Groote Schuur Hospital, Cape Town. Part I. Coronary vascular disease (Schrire), 280
Part II. Hypertension and valvular disease of heart (Schrire), 742
Radial, aortic and, pressure pulses, value of, in diagnosis of cardiovascular disorders (Wright and Wood), 64
Reconstruction, electrocardiogram and vectorcardiogram, and its application to clinical diagnosis of myocardial infarction (Toyoshima, et al.), 165

Regurgitation, mitral, rheumatic, clinical evaluation of cross-polar plication (posteromedial annuloplasty) in surgical treatment of (Sinha, et al.), 264
Rehabilitation, cardiac: survey of cardiologists opinions (Williams, et al.), 107
Renal adaptations to postural changes in chronic congestive heart failure (Nordyke and Pearce), 202
arterial obstruction, unilateral, hypertension due to: preliminary observations on contribution of differential renal clearance studies (Birchall, et al.), 616
arteries, both, human hypertension due to thrombotic occlusion of: report of case "cured" by surgical removal of thrombus (Castillo and Barrera), 769
function tests, differential, use and interpretation of (Birchall, et al.), 619
Rheumatic mitral regurgitation, clinical evaluation of cross-polar plication (posteromedial annuloplasty) in surgical treatment of (Sinha, et al.), 264
Roentgenologischen Differentialdiagnostik, Lehrbuch der. Band I. Erkrankungen der Brustorgane, 795 (B. Rev.)
Rupture, cardiac, and hemopericardium, influence of anticoagulant therapy on occurrence of, following heart infarction. I. Study of 89 cases of hemopericardium (81 of them cardiac ruptures) (Aarseth and Lange), 250
II. Controlled study of selected treated group based on 1,044 autopsies (Lange and Aarseth) 257

S

S.9-390 (2-(o-chlorobenzyl) imidazoline hydrochloride), evaluation of antihypertensive effects of (Rochelle and Ford), 463
Scleroderma, electrocardiogram in: analysis of 60 cases and review of literature (Escudero and McDevitt), 846
Septal defects, auricular and ventricular, combined: study of five cases with postmortem confirmation in three (Espino-Vela, et al.), 856
Serum cholesterol levels, dietary fat, and incidence of atherosclerosis and hypertension in Delhi, India (Padmavati, et al.), 112
electrolyte observations following extracorporeal circulation (Baer, et al.), 652
Situs inversus totalis associated with complex cardiovascular anomalies (Schmutzer and Linde), 761
Sodium chloride, effect on atrial impulse formation of hypertonic solution of, applied focally (Scherf, et al.), 236
Space, criterion characterizing orientation of vectorcardiogram in (Burger and Vaane), 29
Spatial QRS-T angle, normal, of orthogonal vectorcardiogram (Ball and Pipberger), 611
vector electrocardiography: method and average normal vector of P, QRS, and T in space (Zao, et al.), 195
Spatial—Cont'd
vectorcardiographic data, comprehensive mapping of (Groeben), 510
Stenosis, aortic, method for indirect pulse recording, and its use in diagnosis of (Karpman), 799
suspected, arterial pressure pulse contour and Valsalva maneuver in (Rosenberg, et al.), 486
congenital, of pulmonary veins at atrial junctions (Sherman, et al.), 908
pulmonic, valvular: auscultatory and phonocardiographic characteristics (Crevasse and Logue), 898
(valve size), preoperative degree of, and postoperative clinical results; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 839
Subcutis, fine structure of small blood vessels of normal human dermis and (Hibbs, et al.), 662
Succinylcholine, ballistocardiogram during paralysis with (Malt), 245
Supraventricular tachycardias, paroxysmal, complicating organic heart disease (Hejtmancik, et al.), 671
Surgery, cardiac, complete right bundle branch block following: report of two cases persisting after pulmonary valvulotomy and infundibulectomy (Hanson), 275
Surgical treatment of rheumatic mitral regurgitation, clinical evaluation of cross-polar plication (posteromedial annuloplasty) in (Sinha, et al.), 264
Synovioma, metastatic, chaotic heart due to (Cupp, et al.), 695
Syphilis, congenital, aneurysm of ascending aorta caused by (Beard and Thompson), 313

T

T, P, QRS and, average normal vector of, in space, method and; spatial vector electrocardiography (Zao, et al.), 195
Tachycardia, ventricular, atrial flutter and, simultaneous (Anderson and Rubin), 299
Tachycardias, supraventricular, paroxysmal, complicating organic heart disease (Hejtmancik, et al.), 671
Tetralogy of Fallot, relation of aortic root to ventricular septum in (Leight and Davis), 129
Thrombotic occlusion of both renal arteries, human hypertension due to: report of case "cured" by surgical removal of thrombus (Castillo and Barrera), 769
Thrombus, report of case "cured" by surgical removal of; human hypertension due to thrombotic occlusion of both renal arteries (Castillo and Barrera), 769
Transthoracic approach, right, complications of left heart catheterizations using (Kavanagh-Gray and Drake), 143
Traumatic laceration of anterior descending coronary artery treated by ligation without myocardial infarction: re-

Traumatic—Cont'd
port of case with review of literature (Carleton and Boyd), 136
TsÊ loop in left ventricular hypertrophy (Karni), 518
T-wave changes, postprandial; routine electrocardiography (Sears and Manning), 591

V

Valsalva maneuver, arterial pressure pulse contour and, in suspected aortic stenosis (Rosenberg, et al.), 486
Valvular disease, mitral, some clinical notes on patients with, who have had mitral valvuloplasty. Part I (Riss and Levine), 814
Part II (Riss and Levine), 831
of heart, hypertension and (Part II); racial incidence of heart disease at Groote Schuur Hospital, Cape Town (Schrire), 742
pulmonic stenosis: auscultatory and phonocardiographic characteristics (Crevasse and Logue), 898
Valvuloplasty, mitral, some clinical notes on patients with mitral valvular disease who have had. Part I (Riss and Levine), 814
Part II (Riss and Levine), 831
pulmonary, and infundibulectomy, report of two cases persisting after; complete right bundle branch block following cardiac surgery (Hanson), 275
Vascular disease, coronary (Part I); racial incidence of heart disease at Groote Schuur Hospital, Cape Town (Schrire), 280
Vector analysis of ECG changes, method of; myocardial infarction in Wolff-Parkinson-White syndrome (Angle), 36
average normal, of P, QRS, and T in space, method and; spatial vector electrocardiography (Zao, et al.), 195
electrocardiographic analysis, arrhythmias and, of complete bundle branch block in Chagas' disease: study of 103 autopsied cases (Pinto Lima, et al.), 501
study of delta wave in "nondelayed" conduction (Zao, et al.), 920
Vectorcardiogram, criterion characterizing orientation of, in space (Burger and Vaane), 29
electrocardiogram and, reconstruction and its application to clinical diagnosis of myocardial infarction (Toyoshima, et al.), 165
high-frequency features in (Karni), 98
orthogonal, normal spatial QRS-T angle of (Ball and Pipberger), 611
Vectorcardiographic, spatial, data, comprehensive mapping of (Groeben), 510
Vectorcardiography (Duchosal), 1
Vectors, cardiac, in frontal plane, study of (Zao, et al.), 65
Veins, pulmonary, congenital stenosis of, at atrial junctions (Sherman, et al.), 908
Velocity, pulse-wave, difficulties in measurement of (Klip), 806
Vena cava, inferior, hypoplasia of right pulmonary artery with right venous pulmonary drainage into; cardiac dextroposition (Torner-Soler, et al.), 425
Venous pulmonary drainage, right, into inferior vena cava, hypoplasia of right pulmonary artery with; cardiac dextroposition (Torner-Soler, et al.), 425
Ventricular activation and QRS complex, study of sequence of, of pathologic human heart, using direct epicardial leads (Barbato, et al.), 340
auricular and, septal defects, combined: study of five cases with postmortem confirmation in three (Espino-Vela, et al.), 856
border, left, dynamics of, in chronic constrictive pericarditis: analytic roentgenkymographic study with remarks on "flat top and V" electrokymographic pattern (Laconi), 73
electrocardiogram, precordial and endocardial, correlation of (Dickens and Goldberg), 8
hypertrophy, left, TsÊ loop in (Karni), 518
rate, rapid, occurrence of, during atrial fibrillation as paradoxical manifestation of digitalis intoxication (Bacaner), 685
septum, relation of aortic root to, in tetralogy of Fallot (Leight and Davis), 129
tachycardia, atrial flutter and, simultaneous (Anderson and Rubin), 299
Vessels, blood, small, of normal human dermis and subcutis, fine structure of (Hibbs, et al.), 662
great, of heart, corrected transposition of (Kernen), 583
Volume sanguin des poumons chez l'homme, 152 (B. Rev.)

W

Wave, delta, vector study of, in "nondelayed" conduction (Zao, et al.), 920
J, ballistocardiographic findings on (Bodrogi), 95
Wenckebach periods in pregnancy and puerperium (Copeland and Stern), 291
phenomenon, second degree heart block with: its occurrence over period of several years in young healthy adult (Grossman), 607
Wolff-Parkinson-White syndrome, myocardial infarction in: method of vector analysis of ECG changes (Angle), 36

X

X-ray; some clinical notes on patients with mitral valvular disease who have had mitral valvuloplasty (Riss and Levine), 837